REFUELING INFORMATION

Date: June 1988

1. Name of facility: Davis-Besse Unit 1

2. Scheduled date for next refueling outage? Tentative Outage Window October 1989

3. Scheduled date for restart from current refueling: September 1988

4. Will refueling or resumption of operation thereafter require a technical specification change or other license amendment? If answer is yes, what in general will these be? If answer is no, has the reload fuel design and core configuration been reviewed by your Plant Safety Review Committee to determine whether any unreviewed safety questions are associated with the core reload (Ref. 10 CFR Section 50.59)?

   Ans: The Reload Report requires standard reload fuel design Technical Specifications changes (2. Safety Limits and Limiting Safety System Settings, 3/4.1 Reactivity Control Systems, 3/4.2 Power Distribution Limits and 3/4.4 Reactor Coolant System.)

5. Scheduled date(s) for submitting proposed licensing action and supporting information: Submitted May 18, 1988

6. Important licensing considerations associated with refueling, e.g., new or different fuel design or supplier, unreviewed design or performance analysis methods, significant changes in fuel design, new operating procedures.

   a. The highly absorbing silver-indium-cadmium axial power shaping rods will be replaced with reduced absorbing inconel rods.

   b. The discrete neutron sources will be removed from the core and not replaced.

   c The physics testing has been reduced in scope.

7. The number of fuel assemblies (a) in the core and (b) in the spent fuel storage pool, and (c) the new fuel storage areas.

   (a) 0 (b) 445 (c) 0

8. The present licensed spent fuel pool storage capacity and the size of any increase in licensed storage capacity that has been requested or is planned, in number of fuel assemblies.

   Present: 735 Increased size by: 0 (zero)

9. The projected date of the last refueling that can be discharged to the spent fuel pool assuming the present licensed capacity.

   Date: 1995 - assuming ability to unload the entire core into the spent fuel pool is maintained

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OPERATING DATA REPORT

DOCKET NO. 50-346
DATE July 14, 1988
COMPLETED BY J. Cipriani
TELEPHONE X 4460

OPERATING STATUS

1. Unit Name: Davis-Besse, Unit No. 1
2. Reporting Period: June 1988
3. Licensed Thermal Power (MWt): 2772
4. Nameplate Rating (Gross MWe): 925
5. Design Electrical Rating (Net MWe): 906
6. Maximum Dependable Capacity (Gross MWe): 904
7. Maximum Dependable Capacity (Net MWe): 860
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720	4,367	87,023
12. Number Of Hours Reactor Was Critical	0.0	1,661.3	45,142.1
13. Reactor Reserve Shutdown Hours	0.0	0.0	5,050.1
14. Hours Generator On-Line	0.0	1,580	43,381
15. Unit Reserve Shutdown Hours	0.0	0.0	1,732.5
16. Gross Thermal Energy Generated (MWH)	0.0	3,306,442	101,268,641
17. Gross Electrical Energy Generated (MWH)	0.0	1,072,485	33,448,288
18. Net Electrical Energy Generated (MWH)	0.0	998,787	31,299,434
19. Unit Service Factor	0.0	36.2	49.9
20. Unit Availability Factor	0.0	36.2	51.8
21. Unit Capacity Factor (Using MDC Net)	0.0	26.6	41.8
22. Unit Capacity Factor (Using DER Net)	0.0	25.2	39.7
23. Unit Forced Outage Rate	0.0	0.0	32.5

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Refueling - Started on March 10, 1988 - 25 weeks - Ends on September 1, 1988

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 1, 1988
26. Units In Test Status (Prior to Commercial Operation):

	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

(9/77)

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-346
UNIT DB-1
DATE July 14, 1988
COMPLETED BY J. Cipriani
TELEPHONE X 4460

MONTH June, 1988

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	0	17	0
2	0	18	0
3	0	19	0
4	0	20	0
5	0	21	0
6	0	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0	31	
16	0		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June, 1988

DOCKET NO. 50-346
UNIT NAME Davis-Besse 1
DATE July 14, 1988
COMPLETED BY J. Cipriani
TELEPHONE (419) 249-5000
ext. 4460

No.	Date	Type[1]	Duration (Hours)	Reason[2]	Method of Shutting Down Reactor[3]	Licensee Event Report #	System Code[4]	Component Code[5]	Cause & Corrective Action to Prevent Recurrence
2	88-3- 0	S	720	C	1	N/A	N/A	N/A	The unit outage which began on March 10, 1988 was still in progress through the end of June, 1988. See Operational Summary for further details.

[1] F: Forced
S: Scheduled

[2] Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

[3] Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation from Previous Month
5-Load Reduction
9-Other (Explain)

[4] Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

[5] Exhibit 1 - Same Source
[6] Report challenges to Power Operated Relief Valves (PORVs) and Pressurizer Code Safety Valves (PCSVs)

OPERATIONAL SUMMARY

June 1988

A targeted completion date for ending the fifth refueling outage on September 1, 1988 was established. This is an accelerated date from our scheduled September 12, 1988 end date. All resources are being utilized in support of the targeted completion.

Significant Events completed in June:

- Steam Generator Eddy Current Testing (two tubes required plugging in Steam Generator No. 1)
- Reactor Coolant Pump Motor 2-2 Flywheel Inspection (restoration remains)
- Fuel Component and Assembly Shuffle in Spent Fuel Pool to support Core Load
- Emergency Diesel Generator No. 2 Power Pack reassembly and operability testing
- Draining, inspection and refilling of Steam Generator Secondary Side (SGs on recirculation and chemistry to specification)
- Component Cooling Water, Service Water and Decay Heat Train 2 maintenance outage and return to service testing
- Main Turbine/Generator reassembly
- New Steam Feedwater Rupture Control System (SFRCS) cabinet wire pulling and terminations
- New Control Room Center Console and Switch installation

The first major post-modification testing evolution began in June with the start of the Makeup Feed and Bleed Piping Flush. The Flush is expected to complete on July 6 and be immediately followed by the required hydrostatic tests. July will be dedicated to the test program in support of startup. Remaining test restraints will be completed and prerequisites signed off in preparation for Integrated Leak Rate and Integrated Safety Features Actuation System Testing in August.

TOLEDO EDISON

EDISON PLAZA
300 MADISON AVENUE
TOLEDO, OHIO 43652-0001

July 14, 1988
KB88-00241

Docket No. 50-346
License No. NPF-3

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Gentlemen:

Monthly Operating Report, June 1988
Davis-Besse Nuclear Power Station Unit 1

Enclosed are ten copies of the Monthly Operating Report for Davis-Besse Nuclear Power Station Unit 1 for the montn of June 1988.

If you have any questions, please contact Bilal Sarsour at (419) 249-5000, extension 7384.

Very truly yours,

Louis F. Storz

Louis F. Storz
Plant Manager
Davis-Besse Nuclear Power Station

BMS/JEC/plg

Enclosures

cc: Mr. A. Bert Davis
Regional Administrator, Region III

Mr. Paul Byron
NRC Resident Inspector

Mr. A. W. DeAgazio
NRC Project Manager

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